PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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NAOYA KAMIMURA	08/09/2012
RYUYA YAMAZAKI	08/09/2012
HIDESHI NISHIYAMA	08/09/2012

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PROPERTY NUMBERS Total: 1

Property Type	Number				
Application Number:	16408999				

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	4492.246FPC1
NAME OF SUBMITTER:	MARK L. GLEASON
SIGNATURE:	/Mark L. Gleason/
DATE SIGNED:	05/10/2019

Total Attachments: 1

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PATENT REEL: 049141 FRAME: 0312 505470633

ASSIGNMENT

		(1)	Nao ITAI	BAŞHI		(5)		
(1-8) Insert		(2)	Naoya K	AMIMURA	<u>.</u>	(6)		<u>.</u>
Name(s) of Inventor(s)		(3)	Ryuya YA	MAZAKI		(7)		
		(4)	Hideshi N	ISHIYAMA		(8)		V-11-0
				eration of the sum of one gned, the undersigned agr				
(9)	Insert Name of Assignee	(9)	BROTHE	R KOGYO KABUSHIKI	KAISHA			
(10)	Insert Address of Assignee	(10)	15-1 Naeshiro-cho, Mizuho-ku, Nagoya, Aichi, 467-8561, Japan					
			defined in 3 non-provision	designated as the Assign 35 U.S.C. §100, in the invi onal, divisional, continua relssues and reexamination	ention, and in ition, substit	n all applications f ute, and reissue	for patent including a application(s), ar	any and all provisional, nd all Letters Patent,
(11)	Insert Identification	(11)	DEVELO	PING CARTRIDGE PRO	OVIDED WI	TH COVER, ANI	D PROCESS CART	RIDGE
	of Invention such as Title, Case		HAVING	THE SAME				
	Number, or Foreigr Application Numbe		(Attorney	Docket No.	***)
			for which th	e undersigned has (have)				
(12)	Insert Date of Signing of Application	(12)	on _	Оид	7. 9,	2012		
(13)	Alternative (13	(13)	U.S. applic	ation Serial Number				
	Identification for filed applications		filed					
patents application Assigne claims of reexamily States regist to herewith	ons for the invention, as the Assignees may 2) The undersigned on or continuation or e in every way possible 3) The undersigned or provisions of the Inte 4) The undersigned nation a grant of a validation of the undersigned esulting from said appropriate the entire inte to the convey the entire inte to the convey the undersigned to the undersigned to the undersigned to the undersigned to the Assignment of the undersigned to the Assignment of the undersigned to the Assignment of the undersigned to the undersigned to the Assignment of the undersigned to the und	and are division of a deem agree division of agr	ny patent(s) in necessary. (s) to execu- on thereof, experience of the particular of	s) and request(s) the Cor aid Assignee, as Assignee ned, and that he has (the ne firm of Banner & Witc	o execute set on application but the such interference and perial Property which may be maissioner of the entire by have) not the	parate assignmen with any interferer assed thereon, for erence. erform any act whor similar agreement of Patents to issue anterest, and her executed, and will power to insert of parate assignment.	ts in connection with nee which may be do the invention, and olch may be necessents, obtain, maintain or ea any and all Letter reby covenants that ill not execute, any	a such applications and declared concerning any to cooperate with the sary in connection with confirm by relssue or a Patents of the United the has (they have) full agreements in conflict any further identification
docume	nay be necessary or on the national nat	iesirat	ole in order	to comply with the rules o	of the United	States Patent an	d Trademark Office	for recordation of this
				undersigned on the date	s) opposite)	the undersigned	name(s).	
Date	Hug.	_/_	, 2012	Name of Inventor	Nao ITA	BASHI	aspe	(SEAL)
Date	. Aug	. 9	, 20[2	Name of Inventor	Naoya K	Vaoya AMIMUNA	ashi Kamumura	(SEAL)
Date		9	,2012	Name of Inventor	Rynya VAI	Ryunya Yamogu	ski	(SEAL)
Date	aug	g,	2012	Name of inventor	17:4-3: \$10	Hide Rigan	Widoshi Mis	hizama (SEAL)

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